

REMARKS

Claims 10-40 are pending in this application. By this Amendment, claims 1-9 are canceled and claims 22-40 are added.

Applicant appreciates the Examiner indicating that claims 10-21 are allowed and claims 2, 4-5 and 7-9 include allowable subject matter. For at least the reasons set forth below, Applicant respectfully submits that all claims 10-40 are in condition for allowance.

I. The Claims Define Patentable Subject Matter

Claims 1, 3 and 6 are rejected under 35 U.S.C. §102(b) as anticipated by DE 19506134 to Duennbier et al. This rejection is respectfully traversed.

The applied art does not teach, disclose or suggest a charge integrator circuit coupled to an electrode for storing the electrical charge through a switching element, as claimed in claim 27 and similarly claimed in claims 29, 31 and 32.

Duennbier does not even disclose the use of a switching element. As such, the applied art does not disclose that the charge integrator circuit is coupled to an electrode for storing the electrical charge through a switching element. Because exemplary embodiments of the present invention provide very efficient charge to voltage conversion, it can also be used in any application where it is required to sense very small changes in the level of charge such as biosensors, including fingerprint sensors and DNA sensors of the type in which detection is based upon storing an electrical charge on an electrode, and charge coupled devices, such as CCD cameras and microscopes. Accordingly, using a sensing device in a fingerprint sensor, there is not always a capacitor element because the fingerprint plays the role of one of the capacitor electrodes. Please see page 15 of the specification.

The applied art does not disclose the features discussed above with respect to the independent claims and therefore, cannot provide the advantages discussed above.

Withdrawal of the rejection under 35 U.S.C. §102 is respectfully requested.

II. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Kevin M. McKinley
Registration No. 43,794

JAO:KMM/jfb

Attachment:
Amendment Transmittal

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OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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